Form Approved OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 220 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

| A CONTRACTURE HEMNO. 0010  D. SYSTEMMEN  E. CONTRACTOR NO. 1000 5010.12-M ONES  E. CONTRACTOR NO. 15.00-C. 15.0 | A. CONTRACT LIN   | IE ITEM NO.                    | T                  | C. CATE         | GORY:    | /         |              |   |  |              |  |  |  |  |
|--|-------------------|--------------------------------|--------------------|-----------------|----------|-----------|--------------|---|--|--------------|--|--|--|--|
| ECONTRACTER NO.   F. CONTRACTOR   F. CONTRAC   | 00                | 001                            |                    | A TOP TM        |          |           |              | SF: DOD 5010.12-M                                 |  |              |  |  |  |  |
| EDMATEMNO   2 THEOFORATION   SCIENTIFIC AND TECHNICAL REPORTS   SUBMITTEE  | D. SYSTEM/ITEM    |                                |                    | E CONTRACT/PR   |          | 110       |              |   |  |              |  |  |  |  |
| LOWATEMON 2 INLEOFORMATEM A001 SCIENTIFIC AND TECHNICAL REPORTS Final Report  4.AUTHORITY (Data Acquashed Dolument No.) DI-MISC-80711A/T FREQUENCY FERDA Proposal  4.AUTHORITY (Data Acquashed Dolument No.) DI-MISC-80711A/T FREQUENCY FROM FINAL SCIENTIFIC TREFERENCE AFRICANDSON (S. MARCONED)  A SPECOSE NO. S. SISTATEMENT OF TREQUENCY SCIENTIFIC TREFERENCE AFRICANDSON (S. MARCONED) A SPECOSE A STATEMENT OF TREQUENCY SCIENTIFIC TREFERENCE AFRICANDSON (S. MARCONED) A SPECOSE A SOME SCIENTIFIC TREFERENCE AFRICANDSON (S. MARCONED) A SPECOSE A SOME SCIENTIFIC TREFERENCE AFRICANDSON (S. MARCONED) A SPECOSE A SOME SCIENTIFIC TREFERENCE AFRICANDSON (S. MARCONED) A SPECOSE A SOME SCIENTIFIC TREFERENCE AFRICANDSON (S. MARCONED) A SPECOSE A SOME SCIENTIFIC TREFERENCE AFRICANDSON (S. MARCONED) A SPECOSE A SOME SCIENTIFIC TREFERENCE AFRICANDS (S. MARCONED)  10. SPECOSE A SOME SCIENTIFIC TREFERENCE AFRICANDS (S. MARCONED)  11. AUTHORITY (Data Acquashed Dolument SCIENTIFIC TREE ACCONED TO THE STRUCK TO THE STRUCK TREE TO THE STRUCK TO THE STRUCK TO THE STRUCK TREE TREE TO THE STRUCK TREE TREE TO THE STRUCK TREE TREE TREE TREE TREE TREE TREE TRE   | D. GTGTERWITER    |                                |                    |                 |          | C-        | VICTOR       |   |  |              |  |  |  |  |
| A.OUTHORNTY (Data Acquished Documents) DI-MISC-80711A/T  7.00250 ReD S. DUSTSTATEM TO THE PROBLEM PRODOSAL S. APP CODE S. APP  | 1 DATA ITEM NO    | 2 TITLE OF DATA ITEM           | 4                  | 13301.          | J-02-    | <u></u>   | 2 CLIDITITI  |   |  |              | [  |  |  |  |
| A.AUTHORITY (Data Acquisition Document No.)  DI-MISC-80711A/T  PRODE Proposal  AFRI/MLBCO  1. DESTRIBUTION  TRECURED  B  AFRI/MLBCO  1. ASOFRATE  1. |                   |                                |                    | CHNICAL RE      | PORTS    | 3         |              |   |  |              |  |  |  |  |
| DI-MISC-80711A/T PRODE NOTE 10.FREQUENCY ONB/R 12.DATE OF SUBSEQUENT SUBMISSION NOTE 11.AS OF DATE 13.DATE OF SUBSEQUENT SUBMISSION NOTE 13.DATE OF SUBSEQUENT SUBMISSION NOTE 13.DATE OF SUBSEQUENT SUBMISSION NOTE 13.DATE OF SUBMIS | 11001             | 501111111                      | 1410 11            | Jenni Chill Ich | II OICIL | ,         | Tinai        | Report  |  |              |  |  |  |  |
| DI-MISC-80711A/T PRODE NOTE 10.FREQUENCY ONB/R 12.DATE OF SUBSEQUENT SUBMISSION NOTE 11.AS OF DATE 13.DATE OF SUBSEQUENT SUBMISSION NOTE 13.DATE OF SUBSEQUENT SUBMISSION NOTE 13.DATE OF SUBSEQUENT SUBMISSION NOTE 13.DATE OF SUBMIS | 4 AUTHORITY (Date | Assulation Desument No         | . 1                | E CONTRACT REFE | DENOF    |           | <u> </u>     |   |  |              |  |  |  |  |
| 7.00 250 REQ NOT STATEMENT XX BEAUTIFED BY 10. FREQUENCY ONE / S. DATE OF FIRST SUBMISSION A BAPT COLOR BY 11.85 OF DATE 13. DATE OF SUBSISSION A BAPT COLOR BY 11.85 OF DATE 13. DATE OF SUBSISSION A BAPT COLOR BY 11.85 OF DATE 13. DATE OF SUBSISSION A BAPT COLOR BY 11.85 OF DATE 14. DATE OF SUBSISSION BY 11. DATE |                   | · ·                            |                    |                 |          |           |              | 1   | T D GO   |              |  |  |  |  |
| XX BROWERD BY ONE A SIDE ONE A SIDE ONE A SIDE OF SUBSECUENT SUBSE |                   | <u> </u>                       | <u> </u>           |                 |          |           |              |   |  |              |  |  |  |  |
| a APP CODE A 11.AS OF DATE OF SUSMISSED B. A ADDRESSEE B. |                   |                                |                    |                 | 12. DATE |           |              | 14. DISTRIBUT                                     | ION  | N            |  |  |  |  |
| A 60MAC SUSMISSION BANGE PROPERTY OF THE ALL P |                   | В                              |                    |                 | <u> </u> |           |              |   | b. COPIES  |              | S  |  |  |  |
| Tailored to require the official AFRL emblem to be placed in the upper right hand corner of the front cover with affected entries adjusted as required (AFRL will supply a copy of the emblem); Block 10, para 10.3 is clarified so that distribution to DTIC shall only be through Air Force distribution to DTIC shall only be through Air Force distribution thannels.  Approval/disapproval by letter from the Air Force Program Manager within 60 days after receipt. Disapproval requires correction/resubmission within 30 days after receipt of Air Force comments.  Draft report shall be unbound, in standard size type, double-spaced and single-sided.  Reproducibles shall be 1). a CAMERA READY, unbound, suitable for offset reproduction, and 2). on 3.5" floppy disk (or CD-ROM, or ZIP drive disk) compatible with MS-Office for Windows, and both shall incorporate all changes made in the corrected draft. All photos shall be glossy finished.  Submit the reproducible(s) with the final corrected version only.  The contractor is reminded that the National Industrial Security Program Operating Manual, DDD 5220.22-M, Chapter 4, Paragraph 4-208 (a), dated January 1995 requires that records be maintained when documents derive classified from multiple sources.  |                   | _                              |                    |                 |          |           | a. ADDRESSEE | Draft   | Fii  | nal          |  |  |  |  |
| Tailored to require the official AFRL emblem to be placed in the upper right hand corner of the front cover with affected entries adjusted as required (AFRL will supply a copy of the emblem); Block 10, para 10.3 is clarified so that distribution to DTIC shall only be through Air Porce distribution channels.  Approval/disapproval by letter from the Air Force Program Manager within 60 days after receipt.  Disapproval requires correction/resubmission within 30 days after receipt of Air Force comments.  Draft report shall be unbound, in standard size type, double-spaced and single-sided.  Reproducibles shall be 1). a CAMERA READY, unbound, suitable for offset reproduction, and 2). on 3.5" floppy disk (or CD-ROM, or ZIP drive disk) compatible with MS-Office for Windows, and both shall incorporate all changes made in the corrected draft. All photos shall be glossy finished.  Submit the reproducible(s) with the final corrected version only.  The contractor is reminded that the National Industrial Security Program Operating Manual, DOD 5220 22-M. Chapter 4, Paragraph 4-208 (a), dated January 1995 requires that records be maintained when documents derive classified from multiple sources.  | A                 |                                |                    | 60MAC           | 000      |           |              | 1 5,41  | Reg  | Repro        |  |  |  |  |
| placed in the upper right hand corner of the front cover with affected entries adjusted as required (AFRL will supply a copy of the emblem); Block 10, para 10.3 is clarified so that distribution to DTIC shall only be through Air Force distribution channels.  Approval/disapproval by letter from the Air Force Program Manager within 60 days after receipt. Disapproval requires correction/resubmission within 30 days after receipt of Air Force comments.  Draft report shall be unbound, in standard size type, double-spaced and single-sided.  Reproducibles shall be 1). a CAMERA READY, unbound, suitable for offset reproduction, and 2). on 3.5° floppy disk (or CP.ROM, or ZIP drive disk) compatible with MS-Office for Windows, and both shall incorporate all changes made in the corrected draft. All photos shall be glossy finished. Submit the reproducible(s) with the final corrected version only.  The contractor is reminded that the National Industrial Security Program Operating Manual, DOD 5220.22-M, Chapter 4, Paragraph 4-208 (a), dated January 1995 requires that records be maintained when documents derive classified from multiple sources.   |                   |                                |                    |                 |          |           | <del></del>  | AFRL/MLBCO  | 2  | 2            | 2  |  |  |  |
| cover with affected entries adjusted as required (APRL will supply a copy of the emblem); Block 10, para 10.3 is clarified so that distribution to DTIC shall only be through Air Force distribution channels.  Approval/disapproval by letter from the Air Force Program Manager within 60 days after receipt. Disapproval requires correction/resubmission within 30 days after receipt of Air Force comments.  Draft report shall be unbound, in standard size type, double-spaced and single-sided.  Reproducibles shall be 1). a CAMERA READY, unbound, suitable for offset reproduction, and 2). on 3.5" floppy disk (or CD-ROM, or ZIP drive disk) compatible with MS-Office for Windows, and both shall incorporate all changes made in the corrected draft. All photos shall be glossy finished. Submit the reproducible(s) with the final corrected version only.  The contractor is reminded that the National Industrial Security Program Operating Manual, DOD 5220.22-M, Chapter 4, Paragraph 4-208 (a), dated January 1995 requires that records be maintained when documents derive classified from multiple sources.  | Tailored to       | require the                    | offici             | al AFRL embl    | lem to   | be        |              |   |  |              | 1  |  |  |  |
| (AFRL will supply a copy of the emblem); Block 10, para 10.3 is clarified so that distribution to DTIC shall only be through Air Force distribution channels.  Approval/disapproval by letter from the Air Force Program Manager within 60 days after receipt. Disapproval requires correction/resubmission within 30 days after receipt of Air Force comments.  Draft report shall be unbound, in standard size type, double-spaced and single-sided.  Reproducibles shall be 1). a CAMERA READY, unbound, suitable for offset reproduction, and 2). on 3.5" floppy disk (or CD-ROM, or 2IP drive disk) compatible with MS-Office for Windows, and both shall incorporate all changes made in the corrected draft. All photos shall be glossy finished. Submit the reproducible(s) with the final corrected version only.  The contractor is reminded that the National Industrial Security Program Operating Manual, DOD 5220.22-M, Chapter 4, Paragraph 4-208 (a), dated January 1995 requires that records be maintained when documents derive classified from multiple sources.   | placed in t       | he upper righ                  | it hand            | corner of t     | the fr   | ont       |              |   |  | <u> </u>     |  |  |  |  |
| para 10.3 is clarified so that distribution to DTIC shall only be through Air Force distribution channels.  Approval/disapproval by letter from the Air Force Program Manager within 60 days after receipt. Disapproval requires correction/resubmission within 30 days after receipt of Air Force comments.  Draft report shall be unbound, in standard size type, double-spaced and single-sided.  Reproducibles shall be 1). a CAMERA READY, unbound, suitable for offset reproduction, and 2). on 3.5" floppy disk (or CD-ROM, or ZIP drive disk) compatible with MS-Office for Windows, and both shall incorporate all changes made in the corrected draft. All photos shall be glossy finished. Submit the reproducible(s) with the final corrected version only.  The contractor is reminded that the National Industrial Security Program Operating Manual, DOD 5220.22-M, Chapter 4, Paragraph 4-208 (a), dated January 1995 requires that records be maintained when documents derive classified from multiple sources.  |                   |                                |                    |                 |          |           |              |   | 1  |              | <b></b>  |  |  |  |
| shall only be through Air Force distribution channels.  Approval/disapproval by letter from the Air Force Program Manager within 60 days after receipt. Disapproval requires correction/resubmission within 30 days after receipt of Air Force comments.  Draft report shall be unbound, in standard size type, double-spaced and single-sided.  Reproducibles shall be 1). a CAMERA READY, unbound, suitable for offset reproduction, and 2). on 3.5° floppy disk (or CD-ROM, or ZIP drive disk) compatible with MS-Office for Windows, and both shall incorporate all changes made in the corrected draft. All photos shall be glossy finished. Submit the reproducible(s) with the final corrected version only.  The contractor is reminded that the National Industrial Security Program Operating Manual, DOD 5220.22-M, Chapter 4, Paragraph 4-208 (a), dated January 1995 requires that records be maintained when documents derive classified from multiple sources.  |                   |                                |                    |                 |          |           |              | ·-···   | 1  |              |  |  |  |  |
| Program Manager within 60 days after receipt. Disapproval requires correction/resubmission within 30 days after receipt of Air Force comments.  Draft report shall be unbound, in standard size type, double-spaced and single-sided.  Reproducibles shall be 1). a CAMERA READY, unbound, suitable for offset reproduction, and 2). on 3.5" floppy disk (or CD-ROM, or 2IP drive disk) compatible with MS-Office for Windows, and both shall incorporate all changes made in the corrected draft. All photos shall be glossy finished. Submit the reproducible(s) with the final corrected version only.  The contractor is reminded that the National Industrial Security Program Operating Manual, DOD 5220.22-M, Chapter 4, Paragraph 4-208 (a), dated January 1995 requires that records be maintained when documents derive classified from multiple sources.  |                   |                                |                    |                 |          |           |              |   | +  | <del></del>  | <del>                                     </del> |  |  |  |
| Program Manager within 60 days after receipt. Disapproval requires correction/resubmission within 30 days after receipt of Air Force comments.  Draft report shall be unbound, in standard size type, double-spaced and single-sided.  Reproducibles shall be 1). a CAMERA READY, unbound, suitable for offset reproduction, and 2). on 3.5" floppy disk (or CD-ROM, or 2IP drive disk) compatible with MS-Office for Windows, and both shall incorporate all changes made in the corrected draft. All photos shall be glossy finished. Submit the reproducible(s) with the final corrected version only.  The contractor is reminded that the National Industrial Security Program Operating Manual, DOD 5220.22-M, Chapter 4, Paragraph 4-208 (a), dated January 1995 requires that records be maintained when documents derive classified from multiple sources.  |                   |                                | -                  |                 |          |           |              |   | +  | <del> </del> | +-1  |  |  |  |
| Disapproval requires correction/resubmission within 30 days after receipt of Air Force comments.  Draft report shall be unbound, in standard size type, double-spaced and single-sided.  Reproducibles shall be 1). a CAMERA READY, unbound, suitable for offset reproduction, and 2). on 3.5" floppy disk (or CD-ROM, or ZIP drive disk) compatible with MS-Office for Windows, and both shall incorporate all changes made in the corrected draft. All photos shall be glossy finished. Submit the reproducible(s) with the final corrected version only.  The contractor is reminded that the National Industrial Security Program Operating Manual, DOD 5220.22-M, Chapter 4, Paragraph 4-208 (a), dated January 1995 requires that records be maintained when documents derive classified from multiple sources.  |                   |                                |                    |                 |          | ce        |              |   | +  | <u> </u>     | <del>                                     </del> |  |  |  |
| within 30 days after receipt of Air Force comments.  Draft report shall be unbound, in standard size type, double-spaced and single-sided.  Reproducibles shall be 1). a CAMERA READY, unbound, suitable for offset reproduction, and 2). on 3.5" floppy disk (or CD-ROM, or ZIP drive disk) compatible with MS-Office for Windows, and both shall incorporate all changes made in the corrected draft. All photos shall be glossy finished. Submit the reproducible(s) with the final corrected version only.  The contractor is reminded that the National Industrial Security Program Operating Manual, DOD 5220.22-M, Chapter 4, Paragraph 4-208 (a), dated January 1995 requires that records be maintained when documents derive classified from multiple sources.   |                   |                                |                    |                 |          |           |              |   | +  |              | $\vdash$   |  |  |  |
| Draft report shall be unbound, in standard size type, double-spaced and single-sided.  Reproducibles shall be 1). a CAMERA READY, unbound, suitable for offset reproduction, and 2). on 3.5" floppy disk (or CD-ROM, or ZIP drive disk) compatible with MS-Office for Windows, and both shall incorporate all changes made in the corrected draft. All photos shall be glossy finished. Submit the reproducible(s) with the final corrected version only.  The contractor is reminded that the National Industrial Security Program Operating Manual, DOD 5220.22-M, Chapter 4, Paragraph 4-208 (a), dated January 1995 requires that records be maintained when documents derive classified from multiple sources.  | within 30 d       | avs after rec                  | eipt o             | f Air Force     | COMME    | nts       |              |   | <del> </del>                                     |              |  |  |  |  |
| double-spaced and single-sided.  Reproducibles shall be 1). a CAMERA READY, unbound, suitable for offset reproduction, and 2). on 3.5" floppy disk (or CD-ROM, or ZIP drive disk) compatible with MS-Office for Windows, and both shall incorporate all changes made in the corrected draft. All photos shall be glossy finished. Submit the reproducible(s) with the final corrected version only.  The contractor is reminded that the National Industrial Security Program Operating Manual, DOD 5220.22-M, Chapter 4, Paragraph 4-208 (a), dated January 1995 requires that records be maintained when documents derive classified from multiple sources.  |                   |                                |                    |                 |          |           |              | · · · · · · · · · · · · · · · · · · ·             | +  | <b></b>      |  |  |  |  |
| Reproducibles shall be 1). a CAMERA READY, unbound, suitable for offset reproduction, and 2). on 3.5" floppy disk (or CD-ROM, or ZIP drive disk) compatible with MS-Office for Windows, and both shall incorporate all changes made in the corrected draft. All photos shall be glossy finished. Submit the reproducible(s) with the final corrected version only.  The contractor is reminded that the National Industrial Security Program Operating Manual, DOD 5220.22-M, Chapter 4, Paragraph 4-208 (a), dated January 1995 requires that records be maintained when documents derive classified from multiple sources.   |                   |                                |                    |                 | d size   | type,     |              | <u>.</u>  | <del>                                     </del> |              |  |  |  |  |
| unbound, suitable for offset reproduction, and 2). on 3.5" floppy disk (or CD-ROM, or ZIP drive disk) compatible with MS-Office for Windows, and both shall incorporate all changes made in the corrected draft. All photos shall be glossy finished. Submit the reproducible(s) with the final corrected version only.  The contractor is reminded that the National Industrial Security Program Operating Manual, DOD 5220.22-M, Chapter 4, Paragraph 4-208 (a), dated January 1995 requires that records be maintained when documents derive classified from multiple sources.  | double-spac       | ed and single                  | -sided             | •               |          |           |              |   |  |              |  |  |  |  |
| unbound, suitable for offset reproduction, and 2). on 3.5" floppy disk (or CD-ROM, or ZIP drive disk) compatible with MS-Office for Windows, and both shall incorporate all changes made in the corrected draft. All photos shall be glossy finished. Submit the reproducible(s) with the final corrected version only.  The contractor is reminded that the National Industrial Security Program Operating Manual, DOD 5220.22-M, Chapter 4, Paragraph 4-208 (a), dated January 1995 requires that records be maintained when documents derive classified from multiple sources.  | Danmaduaibl       | b-11 b- 1                      | \ - @              |                 |          |           |              |   |  |              |  |  |  |  |
| 2). on 3.5" floppy disk (or CD-ROM, or ZIP drive disk) compatible with MS-Office for Windows, and both shall incorporate all changes made in the corrected draft. All photos shall be glossy finished. Submit the reproducible(s) with the final corrected version only.  The contractor is reminded that the National Industrial Security Program Operating Manual, DOD 5220.22-M, Chapter 4, Paragraph 4-208 (a), dated January 1995 requires that records be maintained when documents derive classified from multiple sources.   | keproducibi       | es snall be l<br>itable for of | .). a C.<br>feet r | AMERA READY,    | ,<br>and |           |              |   |  |              |  |  |  |  |
| disk) compatible with MS-Office for Windows, and both shall incorporate all changes made in the corrected draft. All photos shall be glossy finished. Submit the reproducible(s) with the final corrected version only.  The contractor is reminded that the National Industrial Security Program Operating Manual, DOD 5220.22-M, Chapter 4, Paragraph 4-208 (a), dated January 1995 requires that records be maintained when documents derive classified from multiple sources.  |                   |                                |                    |                 |          | re        |              |   |  |              |  |  |  |  |
| both shall incorporate all changes made in the corrected draft. All photos shall be glossy finished. Submit the reproducible(s) with the final corrected version only.  The contractor is reminded that the National Industrial Security Program Operating Manual, DOD 5220.22-M, Chapter 4, Paragraph 4-208 (a), dated January 1995 requires that records be maintained when documents derive classified from multiple sources.   | disk) compa       | tible with MS                  | -Offic             | e for Window    | vs, an   | ıd        |              |   |  |              |  |  |  |  |
| Submit the reproducible(s) with the final corrected version only.  The contractor is reminded that the National Industrial Security Program Operating Manual, DOD 5220.22-M, Chapter 4, Paragraph 4-208 (a), dated January 1995 requires that records be maintained when documents derive classified from multiple sources.  | both shall        | incorporate a                  | ll cha             | nges made in    | n the    |           |              |   | †************                                    |              |  |  |  |  |
| version only.  The contractor is reminded that the National Industrial Security Program Operating Manual, DOD 5220.22-M, Chapter 4, Paragraph 4-208 (a), dated January 1995 requires that records be maintained when documents derive classified from multiple sources.  |                   |                                |                    |                 |          |           |              | ···   |  |              |  |  |  |  |
| The contractor is reminded that the National Industrial Security Program Operating Manual, DOD 5220.22-M, Chapter 4, Paragraph 4-208 (a), dated January 1995 requires that records be maintained when documents derive classified from multiple sources.   |                   |                                | s) wit.            | n the final     | corre    | ected     |              |   | +  | -            |  |  |  |  |
| Security Program Operating Manual, DOD 5220.22-M, Chapter 4, Paragraph 4-208 (a), dated January 1995 requires that records be maintained when documents derive classified from multiple sources.   | version one       | у.                             |                    |                 |          |           |              |   | 1  |              | $\vdash$   |  |  |  |
| Security Program Operating Manual, DOD 5220.22-M, Chapter 4, Paragraph 4-208 (a), dated January 1995 requires that records be maintained when documents derive classified from multiple sources.   | The contrac       | tor is remind                  | ed tha             | t the Nation    | nal In   | dustrial  | L            |   | +  |              | $\vdash$   |  |  |  |
| requires that records be maintained when documents derive classified from multiple sources.  | Security Pro      | ogram Operati                  | ng Man             | ual, DOD 522    | 20.22-   | М,        |              |   | <del> </del>                                     |              |  |  |  |  |
| derive classified from multiple sources.   |                   |                                |                    |                 |          |           |              | *****   | +  |              |  |  |  |  |
| 15. TOTAL 2 2 2 2  |                   |                                |                    |                 | locume   | ents      |              |   | +  |              |  |  |  |  |
|  | derive cras       | silled from m                  | штстрт             | e sources.      |          |           |              |   | <del> </del>                                     |              |  |  |  |  |
|  |                   |                                |                    |                 |          |           |              |   | _  |              |  |  |  |  |
|  |                   |                                |                    |                 |          |           |              |   | ļ <u>.</u>                                       |              |  |  |  |  |
|  |                   |                                |                    |                 |          |           |              |   | 1  |              |  |  |  |  |
|  |                   |                                |                    |                 |          |           |              |   |  |              |  |  |  |  |
|  |                   |                                |                    |                 |          |           |              |   |  |              |  |  |  |  |
|  |                   |                                |                    |                 |          |           |              |   |  |              |  |  |  |  |
|  |                   |                                |                    |                 |          |           |              |   |  |              |  |  |  |  |
|  |                   |                                |                    |                 |          |           |              |   |  |              |  |  |  |  |
|  |                   |                                |                    |                 |          |           |              |   |  |              |  |  |  |  |
|  |                   |                                |                    |                 |          |           |              |   |  |              |  |  |  |  |
|  |                   |                                |                    |                 |          |           |              |   |  |              |  |  |  |  |
|  |                   |                                |                    |                 |          |           |              |   |  |              |  |  |  |  |
|  |                   |                                |                    |                 |          |           |              | <del>, , , , , , , , , , , , , , , , , , , </del> | $\vdash$   |              |  |  |  |  |
|  |                   |                                |                    |                 |          |           |              |   | <del> </del>                                     |              | <u> </u>   |  |  |  |
|  |                   |                                |                    |                 |          |           |              | 15 TOTAL  | ┿  |              | <u> </u>   |  |  |  |
| DAVID B. CURLISS  26-JUN-02  AFRL/MLBCO, (937) 255-9078  J. DATE  26-JUN-02  Data Manager Devices AFRL/MSC   | G PREDADED BY     | ·                              |                    | I H DATE        | і        | I ADDDOGG | ח פע         |   | +  |              |  |  |  |  |
| AFRI/MLBCO, (937) 255-9078 Data Manager Del SAFRIMSC 26-JUN-02   | DAVID B. CI       | URLISS                         |                    |                 | 12       | Karen E   | . Ragl       | and I   | 1  |              | <u>,                                     </u>    |  |  |  |
|  |                   |                                |                    | 20-0011-0       | , c      | gata Mai  | nage         | DAGARAGENSC                                       | 26-0   | 1 O IV -     | 02   |  |  |  |

Form Approved OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 220 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for information Operations and Reports, 1215 Jefferson Davis Hightway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

| A. CONTRACT LIN  |                               | B. EXHIBI   | Т                 | C. CATEGORY: N/A REF: DOD 5010.12-M |                      |                 |                     |  |          |  |  |  |
|------------------|-------------------------------|-------------|-------------------|-------------------------------------|----------------------|-----------------|---------------------|--|----------|--|--|--|
| 0(               | 001                           |             | A                 | TDP                                 | TN                   | A REF:          | OTHER               | ·  |          | _  |  |  |
| D. SYSTEM/ITEM   |                               |             | E. CONTRACT/PR    |                                     |                      | F. CONTR        | RACTOR              |  |          |  |  |  |
|                  |                               |             | F3361             | 5-02-                               | -C-                  |                 |                     |  |          |  |  |  |
| 1. DATA ITEM NO. | 2. TITLE OF DATA ITEM         |             | acinirar pr       |                                     | ~                    | 3. SUBTITL      |                     |  |          |  |  |  |
| A002             | SCIENTIFIC                    | AND T       | ECHNICAL RE       | PORT                                | S                    | Contr           | actor's Billing     | g Vou  | che:     | r  |  |  |
|                  | Acquisition Document No       | ,           | 5. CONTRACT REFER | RENCE                               |                      |                 | 6. REQUIRING OFFICE |  |          |  |  |  |
|                  | SC-80711A/T                   |             | PRD               | A Pr                                | oposal               |                 | AFRL/M              | ILBCO  |          |  |  |  |
| 7. DD 250 REQ    | 9. DIST STATEMENT<br>REQUIRED | 10. FREQU   |                   | 12. DAT                             | E OF FIRST SU        | BMISSION        | 14. DISTRIBUT       | ION  | •        |  |  |  |
| LT               | В                             |             | MTHLY             |                                     | *                    |                 |                     | b.   | COPIE    | s  |  |  |
| 8. APP CODE      | <u> </u>                      | 11. AS OF I |                   |                                     | E OF SUBSEQUIMISSION | JENT            | a. ADDRESSEE        | Draft  | Fi       | nal  |  |  |
| N/A              | <u></u>                       |             | *                 |                                     | *                    |                 |                     | Dian   | Reg      | Repro  |  |  |
| 16. REMARKS      | require only                  | z a nho     | togony of th      | 20                                  |                      |                 | AFRL/ACO            | 0  | 1        | 0  |  |  |
| contractor'      | s billing vou                 | cher w      | hich is pre       | oared                               | bv                   |                 | AFRL/CO             | 0  | _1       | 0  |  |  |
| the contrac      | tor to receiv                 | re paym     | ent for this      | 3                                   | -                    |                 | AFRL/MLBCO          |  | 1_1_     |  |  |  |
| contract's       |                               | 10, p       | ara 10.3 is       | clar                                | ified                |                 | AFRL/MLF            | 0  | 1_       | 0_   |  |  |
|                  | tribution to istribution o    |             |                   | ıgh                                 |                      |                 |                     | <u> </u>   | <u> </u> | <u> </u>   |  |  |
|                  |                               |             |                   |                                     |                      |                 |                     | <b></b>  | <u> </u> | <b></b>  |  |  |
| * Submit         | voucher info                  | rmatio      | n monthly, t      | hrou                                | gh                   |                 |                     | +  | ├        | <b>├ </b>  |  |  |
| normal<br>with D | mail channel<br>ata Item #A00 | s to a      | II Block 14       | addr                                | essees,              |                 |                     |  |          |  |  |  |
| "1011 2          | aca icem mroo                 |             |                   |                                     |                      |                 |                     | ┿┈   | <u> </u> |  |  |  |
|                  |                               |             |                   |                                     |                      |                 |                     | <del> </del>   | -        |  |  |  |
|                  |                               |             |                   |                                     |                      |                 | ·                   | +  |          |  |  |  |
|                  |                               |             |                   |                                     |                      |                 |                     | +  |          |  |  |  |
|                  |                               |             |                   |                                     |                      |                 |                     | <del></del>  |          | <del>                                     </del> |  |  |
|                  |                               |             |                   |                                     |                      |                 |                     | +  |          | -  |  |  |
|                  |                               |             |                   |                                     |                      |                 | ·                   | +  |          | 1  |  |  |
|                  |                               |             |                   |                                     |                      |                 |                     | +  |          |  |  |  |
|                  |                               |             |                   |                                     |                      |                 |                     | <b>+</b>   |          |  |  |  |
|                  |                               |             |                   |                                     |                      |                 |                     |  |          |  |  |  |
|                  |                               |             |                   |                                     |                      |                 | <u> </u>            | +  |          |  |  |  |
|                  |                               |             |                   |                                     |                      |                 |                     |  |          |  |  |  |
|                  |                               |             |                   |                                     |                      |                 |                     |  |          |  |  |  |
|                  |                               |             |                   |                                     |                      |                 |                     |  |          |  |  |  |
|                  |                               |             |                   |                                     |                      |                 |                     |  |          |  |  |  |
|                  |                               |             |                   |                                     |                      |                 |                     |  |          |  |  |  |
|                  |                               |             |                   |                                     |                      |                 |                     |  |          |  |  |  |
|                  |                               |             |                   |                                     |                      |                 |                     |  |          |  |  |  |
|                  |                               |             |                   |                                     |                      |                 |                     | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ |          |  |  |  |
|                  |                               |             |                   |                                     |                      |                 |                     |  |          |  |  |  |
|                  |                               |             |                   |                                     |                      |                 |                     | <del>                                     </del>   |          |  |  |  |
|                  |                               |             |                   |                                     |                      |                 |                     | 1  |          |  |  |  |
|                  |                               |             |                   |                                     |                      |                 |                     | 1  |          |  |  |  |
|                  |                               |             |                   |                                     |                      |                 |                     | <b> </b>   |          | <b>  </b>  |  |  |
|                  |                               |             |                   |                                     |                      |                 |                     | -  |          |  |  |  |
|                  |                               |             |                   |                                     |                      |                 |                     | <b></b>  |          |  |  |  |
|                  |                               |             |                   |                                     |                      |                 |                     | <b>├</b> ──  |          |  |  |  |
|                  |                               |             |                   |                                     |                      |                 |                     |  |          |  |  |  |
|                  |                               |             |                   |                                     |                      |                 | 45 TOTAL            | 1  |          |  |  |  |
| G. PREPARED BY   |                               |             | H. DATE           |                                     | I ADDDOG             | D BY            | 15. TOTAL           | 0  | 4        | 0  |  |  |
| DAVID B. C       |                               |             | 26-JUN-0          | 12                                  | Karen E              | ים ים<br>. Raql | and Jakas Asc       | J. DAT   |          | <u>,                                    </u>     |  |  |
| AFRL/MLBCO, (    | 937) 255-9078                 |             | 20 0014-0         |                                     | Data Mai             | nage            | DATA PRIMISC        | 26-0   | - NU     | 02   |  |  |

Form Approved OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 220 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

| A. CONTRACT LIN    | NE ITEM NO.             | B. EXHIB  | Т                | C. CATEGORY: N/A REF: DOD 5010.12-M |                                  |            |                     |  |         |  |  |  |
|--------------------|-------------------------|-----------|------------------|-------------------------------------|----------------------------------|------------|---------------------|--|---------|--|--|--|
| 00                 | 001                     | l         | A                | TDP_                                | TA/                              | и <u></u>  | OTHER               | l<br>  |         | _  |  |  |
| D. SYSTEM/ITEM     |                         |           | E. CONTRACT/PR   |                                     |                                  | F. CONTR   |                     |  |         |  |  |  |
|                    |                         |           | F3361            | 5-02-                               | C-                               |            |                     |  |         |  |  |  |
| 1. DATA ITEM NO.   | 2. TITLE OF DATA ITEN   |           |                  |                                     |                                  | 3. SUBTITL | E                   |  |         |  |  |  |
| A003               | FUNDS AND M             | IAN - HO  | JR EXPENDIT      | URE F                               | REPORT                           |            |                     |  |         |  |  |  |
| 4. AUTHORITY (Date | Acquisition Document No | p.)       | 5. CONTRACT REFE | RENCE                               |                                  | ·          | 6. REQUIRING OFFICE |  |         |  |  |  |
| DI-F               | NCL-80331/T             |           | PRD              | A Pro                               | posal                            |            | AFRL/M              | ILBCO  |         |  |  |  |
| 7. DD 250 REQ      |                         | 10. FREQU | ENCY             | 12. DATE                            | OF FIRST SU                      | BMISSION   | 14. DISTRIBUT       | ION  |         |  |  |  |
| LT                 | REQUIRED<br>B           |           | MTHLY            |                                     | **                               |            |                     | b. COPIES  |         |  |  |  |
| 8. APP CODE        | ь                       | 11. AS OF | DATE             |                                     | OF SUBSEQU                       | JENT       | a. ADDRESSEE        |  | Final   |  |  |  |
| N/A                |                         |           | * SUBMISSION **  |                                     |                                  |            |                     | Draft  | Reg     | Repro  |  |  |
| 16. REMARKS        |                         |           |                  |                                     |                                  |            | AFRL/ACO            | 0  | 1       | 0  |  |  |
| Tailored to        | allow for at            | tached    | ML format.       |                                     |                                  |            | AFRL/CO             | 0  | 1       | 0  |  |  |
| * At the           | close of the            | contr     | actor's mont     | thlv                                |                                  |            | AFRL/MLBCO          | 0  | 1       | 1  |  |  |
| accou              | nting period.           |           | 40001 D          | C11+ J                              |                                  |            | AFRL/MLF            | 0  | _1      | 0  |  |  |
|                    |                         |           |                  |                                     |                                  |            |                     |  |         |  |  |  |
| ** 25 day          | s after Block           | : 11 ti   | me.              |                                     |                                  |            |                     |  |         |  |  |  |
| Submit repr        | oducible on 3           | 3.5" fl   | oppy disk 5      | Zin Dr                              | ive die                          | k          |                     |  |         |  |  |  |
| or CD-ROM c        | ompatible wit           | h MS-C    | ffice for Wi     | indows                              | or                               | ,          |                     |  |         |  |  |  |
| via e-mail         | as appropriat           | e.        |                  |                                     |                                  |            |                     |  |         |  |  |  |
|                    |                         |           |                  |                                     |                                  |            |                     |  |         |  |  |  |
|                    |                         |           |                  |                                     |                                  |            |                     |  |         |  |  |  |
|                    |                         |           |                  |                                     |                                  |            |                     |  |         |  |  |  |
|                    |                         |           |                  |                                     |                                  |            |                     |  |         |  |  |  |
|                    |                         |           |                  |                                     |                                  |            |                     |  |         |  |  |  |
|                    |                         |           |                  |                                     |                                  |            |                     | <del>                                     </del> |         |  |  |  |
|                    |                         |           |                  |                                     |                                  |            | ****                | <del>                                     </del> |         | <del> </del> [                               |  |  |
|                    |                         |           |                  |                                     |                                  |            |                     | +  |         | -  |  |  |
|                    |                         |           |                  |                                     |                                  |            | ***                 | <del>                                     </del> | ·       |  |  |  |
|                    |                         |           |                  |                                     |                                  |            |                     | +  |         |  |  |  |
|                    |                         |           |                  |                                     |                                  |            |                     | <b>—</b>   | -       |  |  |  |
|                    |                         |           |                  |                                     |                                  |            |                     |  |         |  |  |  |
|                    |                         |           |                  |                                     |                                  |            |                     | 1 "  |         |  |  |  |
|                    |                         |           |                  |                                     |                                  |            |                     | -  |         |  |  |  |
|                    |                         |           |                  |                                     |                                  |            |                     | <b>†</b>   |         | <b></b>                                      |  |  |
|                    |                         |           |                  |                                     |                                  |            |                     | <del> </del>                                     |         | $\vdash \vdash \vdash$                       |  |  |
|                    |                         |           |                  |                                     |                                  |            |                     | +  |         |  |  |  |
|                    |                         |           |                  |                                     |                                  |            |                     | <b>†</b>   |         |  |  |  |
|                    |                         |           |                  |                                     |                                  |            |                     | +  |         |  |  |  |
|                    |                         |           |                  |                                     |                                  |            |                     |  |         | <u> </u>                                     |  |  |
|                    |                         |           |                  |                                     |                                  |            | ·····               | +  |         |  |  |  |
|                    |                         |           |                  |                                     |                                  |            |                     | +  |         |  |  |  |
|                    |                         |           |                  |                                     |                                  |            |                     | +  |         |  |  |  |
|                    |                         |           |                  |                                     |                                  |            |                     | +  |         | $\vdash$                                     |  |  |
|                    |                         |           |                  |                                     |                                  |            |                     | +  |         |  |  |  |
|                    |                         |           |                  |                                     |                                  |            |                     | <del>  </del>                                    |         |  |  |  |
|                    |                         |           |                  |                                     |                                  |            | <del></del>         | +  |         |  |  |  |
|                    |                         |           |                  |                                     |                                  |            |                     | +  |         |  |  |  |
|                    |                         |           |                  |                                     |                                  |            |                     | ┼  |         |  |  |  |
|                    |                         |           |                  |                                     |                                  |            | 15. TOTAL           | <del>  </del>                                    | 4       |  |  |  |
| G. PREPARED BY     |                         |           | H. DATE          |                                     | LADDDOGG                         | D BV       |                     | 0  | 4       | 1  |  |  |
| DAVID B. C         |                         |           | 26-JUN-0         | <sub>12</sub>                       | I APPROVE<br>Caten E<br>Cata Mai | Raql       | and /               | J. DAT   |         | <u>,                                    </u> |  |  |
| AFRL/MLBCO, (      | 937)255-9078            |           |                  | · -                                 | ata Ma                           | nage       | DAGAFRISTISC        | 26-3   | ı UIV – | ∪∠   |  |  |

Form Approved OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 220 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Adington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

| A. CONTRACT LIN               |                                | B. EXHIBI         | Т                          | C.CATEGORY: N/A REF: DOD 5010.12-M |             |               |                                 |  |           |         |  |  |
|-------------------------------|--------------------------------|-------------------|----------------------------|------------------------------------|-------------|---------------|---------------------------------|--|-----------|---------|--|--|
| 0.0                           | 001                            | _                 | A                          | TDP TM OTHER                       |             |               |                                 |  |           |         |  |  |
| D. SYSTEM/ITEM                |                                | _                 | E. CONTRACT/PR<br>F3361    | NO.<br>5-02-C-                     |             | F. CONTR      | ACTOR                           |  | ,,,,,     |         |  |  |
| 1. DATA ITEM NO.              | 2. TITLE OF DATA ITEM          | ,                 |                            |                                    |             | 3. SUBTITL    | E                               |  |           |         |  |  |
| A004                          | CONTRACT FU                    | NDS S             | ratus repor                | T (CFS                             | R)          | 0.0001112     | -                               |  |           |         |  |  |
|                               | Acquisition Document No        | p.)               | 5. CONTRACT REFE<br>PRI    | RENCE<br>DA Prop                   | osal        | . , ,,        | 6. REQUIRING OFFICE  AFRL/MLBCO |  |           |         |  |  |
| 7. DD 250 REQ                 | 9. DIST STATEMENT              | 10. FREQU         | <u> </u>                   | 12. DATE OF                        |             | BMISSION      | 14. DISTRIBU                    |  |           |         |  |  |
| LT                            | REQUIRED                       |                   | QRTLY                      |                                    | **          | 311100,011    | 14. DISTRIBU                    |  | b. COPIES |         |  |  |
| 8. APP CODE                   | В                              | 11. AS OF I       | DATE                       | 13. DATE OF                        | SUBSEQU     | IENT          | a. ADDRESSEE                    | ļ  |           | nal     |  |  |
| N/A                           |                                |                   | *                          | SUBMIS                             | SION<br>* * | 4.7.551125522 | Draft                           |  | Repro     |         |  |  |
| 16. REMARKS                   |                                | -                 | AFRL/ACO                   | T .                                | 1           | 0             |                                 |  |           |         |  |  |
| Tailored so                   | ort co                         | casts by          | 7                          |                                    | AFRL/CO     | 0             | 1                               | 0  |           |         |  |  |
| remaining f                   | he next six m<br>iscal year, a | nonths,<br>and by | by quarter                 | ior the                            | e<br>ning   |               | AFRL/MLBCO                      | 0  | 1         | 1       |  |  |
| fiscal years                  | s. CFSR data                   | shall             | be reconci                 | led to t                           | he          |               | AFRL/MLF                        | 0  | 1         | 0       |  |  |
| Governments contractor's      | fiscal year<br>s fiscal year   | end at<br>end d   | 30 Septemb<br>oes not coi: | er if th                           | ne          |               |                                 |  |           |         |  |  |
| the Governme                  | ent's fiscal                   | year e            | nd.                        |                                    |             |               |                                 | <del>                                     </del> |           |         |  |  |
| * The last                    | day of the c                   | contrac           | tor's month                | ly                                 |             |               |                                 |  |           |         |  |  |
|                               | period neares<br>fiscal year   |                   |                            |                                    |             |               |                                 |  |           |         |  |  |
|                               | _                              | -                 |                            |                                    |             |               |                                 |  |           |         |  |  |
|                               | itial submiss<br>days after t  |                   |                            |                                    | ar La       |               |                                 | <del>- </del>                                    |           |         |  |  |
| monthly acco                  | ounting perio                  | d near            | est the end                | of the                             | )I · S      |               | ·                               | <del></del> -                                    |           |         |  |  |
| first govern                  | nment fiscal                   | year q            | uarter afte:               | r contra                           | ict         |               |                                 | + -  |           |         |  |  |
|                               | sequent submi<br>Block 11 time |                   | shall be 2                 | 5 calend                           | lar         |               |                                 | <b>†</b>   |           |         |  |  |
| -                             |                                |                   |                            |                                    |             |               |                                 |  |           |         |  |  |
| Submit repro                  | oducible on 3                  | .5" fl            | oppy disk,                 | Zip Driv                           | re disk     | ζ,            |                                 |  |           |         |  |  |
| via e-mail a                  | ompatible wit<br>as appropriat | n MS-O            | filce for W                | indows,                            | or          |               |                                 |  |           |         |  |  |
|                               |                                |                   |                            |                                    |             |               |                                 |  |           |         |  |  |
|                               |                                |                   |                            |                                    |             |               |                                 |  |           |         |  |  |
|                               |                                |                   |                            |                                    |             |               |                                 |  |           |         |  |  |
|                               |                                |                   |                            |                                    |             |               |                                 |  |           |         |  |  |
|                               |                                |                   |                            |                                    |             |               | <del></del>                     |  |           | ļ       |  |  |
|                               |                                |                   |                            |                                    |             |               |                                 | <del></del>                                      |           |         |  |  |
|                               |                                |                   |                            |                                    |             |               |                                 | +  |           |         |  |  |
|                               |                                |                   |                            |                                    |             |               |                                 | +  |           |         |  |  |
|                               |                                |                   |                            |                                    |             |               |                                 |  |           |         |  |  |
|                               |                                |                   |                            |                                    |             | 1             |                                 | +  |           | <b></b> |  |  |
|                               |                                |                   |                            |                                    |             |               |                                 |  |           |         |  |  |
|                               |                                |                   |                            |                                    |             |               |                                 |  | -         |         |  |  |
|                               |                                |                   |                            |                                    |             |               | n' d                            |  | _         |         |  |  |
|                               |                                |                   |                            |                                    |             |               |                                 |  |           |         |  |  |
|                               |                                |                   |                            |                                    |             |               |                                 |  |           |         |  |  |
|                               |                                |                   |                            |                                    |             |               |                                 |  |           |         |  |  |
|                               |                                |                   |                            |                                    |             |               |                                 | -  |           |         |  |  |
|                               |                                |                   |                            |                                    |             |               |                                 |  |           |         |  |  |
|                               |                                |                   |                            |                                    |             |               | 15. TOTAL                       | -  | 4         | 1       |  |  |
| G. PREPARED BY                | DI IGG                         |                   | H. DATE                    | 1. A                               | PPROVE      |               |                                 | J. DAT   |           |         |  |  |
| DAVID B. CU<br>AFRL/MLBCO, (9 |                                |                   | 26-JUN-(                   | )2 Ka<br>Da                        | ta Mai      | Ragla         | and Jaras Assertisc             | 26-0   |           | 02      |  |  |

Form Approved OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 220 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

| A. CONTRACT LI     | NE ITEM NO.                   | E ITEM NO.  B. EXHIBIT  C. CATEGORY: N/A REF: DOD 5010.12-M |                  |       |            |            | <del></del> -       |              |  |              |
|--------------------|-------------------------------|---|------------------|-------|------------|------------|---------------------|--------------|--|--------------|
| 0                  | 001                           | l   | A                | TDP_  | TN         | M          | OTHER               |              |  | _            |
| D. SYSTEM/ITEM     |                               |   | E. CONTRACT/PF   | R NO. |            | F. CONTR   |                     |              |  |              |
|                    |                               |   | F3361            | 5-02- | C-         |            |                     |              |  |              |
| 1. DATA ITEM NO.   | 2. TITLE OF DATA ITEM         |   |                  |       |            | 3. SUBTITL | E                   |              |  |              |
| A005               | PROJECT PLA                   | NNING   | CHART            |       |            |            |                     |              |  |              |
|                    |                               |   | γ                |       |            | <u>l</u>   |                     |              |  |              |
|                    | ta Acquisition Document No    |   | 5. CONTRACT REFI |       | 7          |            | 6. REQUIRING OFFICE |              |  |              |
|                    | GMT-80507A/T                  |   | PRDA Proposal    |       |            |            | AFRL/N              | ILBCO        |  |              |
| 7. DD 250 REQ      | 9. DIST STATEMENT<br>REQUIRED | 10. FREQU   | ,                |       |            |            | 14. DISTRIBU        | rion         |  |              |
| LT                 | В                             |   | MTHLY *  DATE    |       |            |            | _                   | b.           | COPIES   | 3            |
| 8. APP CODE<br>N/A |                               | 11. AS OF   |                  |       |            | JENI       | a. ADDRESSEE        | Draft        | Fi   | nal          |
|                    |                               | l   |                  |       | *          |            |                     | <del></del>  | Reg  | Repro        |
| 16. REMARKS        | o allow contra                | actoris   | format ar        | nd to |            |            | AFRL/MLBCO          | 0            | 1  | 0            |
|                    | ck 10 paras 10                |   |                  |       |            |            |                     | <del> </del> | ـــــ  | —            |
|                    |                               |   |                  |       |            |            |                     |              | <del> </del>                                     | —            |
| * Submit           | with Data Ite                 | em #A00   | 3.               |       |            |            |                     |              | —  | <del> </del> |
|                    |                               |   |                  |       |            |            |                     |              | ₩  | <del> </del> |
|                    |                               |   |                  |       |            |            |                     | <del></del>  | ↓  | <del> </del> |
|                    |                               |   |                  |       |            |            |                     |              | <b></b>  | —            |
|                    |                               |   |                  |       |            |            |                     |              | <b></b>  | <b></b>      |
|                    |                               |   |                  |       |            |            |                     |              | <b> </b>   | ļ            |
|                    |                               |   |                  |       |            |            |                     |              | Ь—   | ļ            |
|                    |                               |   |                  |       |            |            |                     | $\bot$       | <u> </u>   | Ļ            |
|                    |                               |   |                  |       |            |            |                     |              | <u></u>  | <u> </u>     |
|                    |                               |   |                  |       |            |            |                     |              |  |              |
|                    |                               |   |                  |       |            |            |                     |              |  |              |
|                    |                               |   |                  |       |            |            |                     |              |  |              |
|                    |                               |   |                  |       |            |            |                     |              |  |              |
|                    |                               |   |                  |       |            |            |                     |              |  |              |
|                    |                               |   |                  |       |            |            |                     |              |  |              |
|                    |                               |   |                  |       |            |            |                     |              |  |              |
|                    |                               |   |                  |       |            |            |                     |              |  |              |
|                    |                               |   |                  |       |            |            |                     |              |  |              |
|                    |                               |   |                  |       |            |            |                     |              |  |              |
|                    |                               |   |                  |       |            |            |                     |              |  |              |
|                    |                               |   |                  |       |            |            |                     |              |  |              |
|                    |                               |   |                  |       |            |            |                     | 1            |  |              |
|                    |                               |   |                  |       |            |            |                     |              |  |              |
|                    |                               |   |                  |       |            |            |                     |              |  |              |
|                    |                               |   |                  |       |            |            |                     |              |  |              |
|                    |                               |   |                  |       |            |            |                     |              |  |              |
|                    |                               |   |                  |       |            |            |                     |              |  |              |
|                    |                               |   |                  |       |            |            |                     |              |  |              |
|                    |                               |   |                  |       |            |            |                     |              |  |              |
|                    |                               |   |                  |       |            |            |                     | T            |  |              |
|                    |                               |   |                  |       |            |            |                     | 1            |  |              |
|                    |                               |   |                  |       |            |            |                     |              |  |              |
|                    |                               |   |                  |       |            |            |                     | 1            |  |              |
|                    |                               |   |                  |       |            |            |                     | +-           |  |              |
|                    |                               |   |                  |       |            |            | <u></u>             | +            | <del>                                     </del> |              |
|                    |                               |   |                  |       |            |            | 15. TOTAL           | 0            | 1  | 0            |
| G. PREPARED B      |                               |   | H. DATE          | 1     | I. APPRØVE | D BY       | 1                   | J. DA        | ·——  |              |
| DAVID B. C         | CURLISS                       |   | 26-JUN-          | 02    | Karen E    | . Ragl     | and Jarrey so       |              | JUN-   | n2           |
| AFRL/MLBCO,        | (937)255-9078                 |   | 1                |       | Bata Ma    | inage      | DOUGSAFRINGSC       | :   20-1     | ) OIV -  | <b>J</b> Z   |

Form Approved OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 220 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

| A. CONTRACT LIN     | IE ITEM NO.                              | B. EXHIBI   | Т                | C. CAT                  | EGORY: NT     | /A DEE.     | : DOD 5010.12-M     |  |             |                        |
|---------------------|--|-------------|------------------|-------------------------|---------------|-------------|---------------------|--|-------------|------------------------|
| 0.0                 | 001                                      |             | A                | TDP.                    | 74T           | /A KEF:     | OTHER               | l<br>  |             | .                      |
| D. SYSTEM/ITEM      |  |             | E. CONTRACT/PR   | NO.                     |               | F. CONTR    | RACTOR              |  |             |                        |
|                     |  |             | F3361            | 5-02-                   | -C-           | Ĺ           |                     |  |             |                        |
| 1. DATA ITEM NO.    | 2. TITLE OF DATA ITEM                    |             |                  |                         |               | 3. SUBTITL  |                     |  |             |                        |
| A006                | PRESENTATIO                              | N MATI      | ERIAL            |                         |               |             |                     |  |             |                        |
| 4.44.171.10.0171.10 |  |             | r <del></del>    |                         |               | <u> </u>    |                     |  |             |                        |
|                     | Acquisition Document No<br>DMN - 81373/T | o.)         | 5. CONTRACT REFE | FERENCE<br>RDA Proposal |               |             | 6. REQUIRING OFFICE | II DGO   |             |                        |
| 7. DD 250 REQ       | 9. DIST STATEMENT                        | 10. FREQU   | <u></u>          |                         |               |             | AFRL/M              |  |             |                        |
| LT                  | REQUIRED                                 |             | ASREQ            | 12. UAT                 | E OF FIRST SU | RWISSION    | 14. DISTRIBUT       |  |             |                        |
| 8. APP CODE         | В  | 11. AS OF I |                  | 13 DAT                  | E OF SUBSEQU  | IENIT       | _                   | b.   |             |                        |
| N/A                 |  | 11. 73 01 1 | *                |                         | MISSION       | DEINT       | a. ADDRESSEE        | Draft  | <del></del> | nal                    |
| 16. REMARKS         |  |             |                  | 1                       | *-            | <del></del> | 3 The /sec = 20     | +  |             | Repro                  |
| Tailored to         | require only                             | view        | graphs and h     | nard (                  | сору.         |             | AFRL/MLBCO          | -  | _1          | 1                      |
| Submittal o         | f the actual                             | viewgr      | aph is not       | requi                   | red if the    | he          |                     | +  |             | $\vdash$               |
| presentation        | n is computer                            | gener       | ated.            |                         |               |             |                     |  |             |                        |
| ASREQ means         | as required                              | to doc      | ument topics     | s unde                  | er            |             |                     | <del>                                     </del> |             | ····                   |
| discussion          | at briefings                             | and re      | views.           |                         |               |             |                     | <del> </del>                                     |             |                        |
| * Cubmit -          | t each briefi                            | na or       | romiow on        | ```                     | riata         |             |                     |  |             | $\vdash \vdash \vdash$ |
| - bubille a         | c each bileil                            | ng or       | Teview as al     | hrob:                   | ııale.        |             |                     |  |             |                        |
|                     | f view graphs                            | shall       | not exceed       | 500 :                   | for this      |             |                     |  |             |                        |
| contract.           |  |             |                  |                         |               |             |                     |  |             |                        |
| Reproducibl         | e shall be th                            | ne on C     | D-ROM            |                         |               |             |                     |  |             |                        |
| compatible          | with MS-Offic                            | e.          |                  |                         |               |             |                     |  |             |                        |
|                     |  |             |                  |                         |               |             |                     |  |             |                        |
|                     |  |             |                  |                         |               |             |                     |  |             |                        |
|                     |  |             |                  |                         |               |             |                     |  |             |                        |
|                     |  |             |                  |                         |               |             |                     |  |             |                        |
|                     |  |             |                  |                         |               |             |                     |  |             |                        |
|                     |  |             |                  |                         |               |             |                     | <u> </u>   |             |                        |
|                     |  |             |                  |                         |               |             |                     | · · · · · ·                                      |             | igwdown                |
|                     |  |             |                  |                         |               |             |                     |  |             |                        |
|                     |  |             |                  |                         |               |             |                     |  |             | $\vdash$               |
|                     |  |             |                  |                         |               |             |                     | +  |             |                        |
|                     |  |             |                  |                         |               |             |                     | <del> </del>                                     |             | -                      |
|                     |  |             |                  |                         |               |             |                     | +  |             |                        |
|                     |  |             |                  |                         |               |             |                     |  |             | $\vdash$               |
|                     |  |             |                  |                         |               |             |                     | -  | -           |                        |
|                     |  |             |                  |                         |               |             |                     |  |             |                        |
|                     |  |             |                  |                         |               |             |                     |  |             |                        |
|                     |  |             |                  |                         |               |             |                     |  |             |                        |
|                     |  |             |                  |                         |               |             |                     |  |             |                        |
|                     |  |             |                  |                         |               |             |                     |  |             |                        |
|                     |  |             |                  |                         |               |             |                     |  |             |                        |
|                     |  |             |                  |                         |               |             |                     | ļ  |             |                        |
|                     |  |             |                  |                         |               |             |                     | 1  |             |                        |
|                     |  |             |                  |                         |               |             |                     | 4  |             |                        |
|                     |  |             |                  |                         |               |             |                     | <b>↓</b>   | _           |                        |
|                     |  |             |                  |                         |               |             | 45 7074             |  |             | <b> </b>               |
| G. PREPARED BY      |  |             | H. DATE          |                         | LI ADDDOC     | D BY        | 15. TOTAL           | 0  | 1           | 1                      |
| DAVID B. C          |  |             | 26-JUN-0         | 12                      | Karen E       | . Raql      | and Jaras Aras Asc  | J. DAT   |             | <u>,,  </u>            |
| AFRL/MLBCO, (       | 937) 255-9078                            |             | 20 0011-0        |                         | Bata Ma       | nage        | DAGAFRIMSC          | 26-0   | ) (N) –     | UZ                     |

Form Approved OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 220 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

|                   |                               | ang Omoor to | or the Contractor (City |         |               |            |                      |               |             |  |
|-------------------|-------------------------------|--------------|-------------------------|---------|---------------|------------|----------------------|---------------|-------------|--|
| A. CONTRACT LIN   |                               | B. EXHIBI    | IT                      | C. CAT  | EGORY: N      | A REF      | : DOD 5010.12-       | M             |             |  |
| 00                | 001                           |              | Α                       | TDP     | TN            | 1          | OTHER                | 1-1           |             |  |
| D. SYSTEM/ITEM    |                               |              | E. CONTRACT/P           |         |               | F. CONTR   |                      |               |             |  |
|                   |                               |              |                         | 15-02   |               |            |                      |               |             |  |
| 1. DATA ITEM NO.  | 2. TITLE OF DATA ITEM         | И            |                         |         |               | 3. SUBTITL | F                    |               |             |  |
| A007              | SCIENTIFIC                    | AND TH       | ECHNICAL R              | REPORT  | s             |            | im Report            |               |             |  |
|                   |                               |              |                         |         |               |            | Im Roport            |               |             |  |
| A AUTHORITY (Date | Acquisition Document No       | <u> </u>     | 5. CONTRACT REF         | EDENCE  |               | l          | La prouibilio occios |               |             |  |
|                   | SC-80711A/T                   |              |                         |         | onogal        |            | 6. REQUIRING OFFICE  | MT D.GO       |             |  |
|                   | <del></del>                   |              | <u> </u>                |         | oposal        |            | AFRL/                | MTRCO         |             |  |
| 7. DD 250 REQ     | 9. DIST STATEMENT<br>REQUIRED | 10. FREQU    |                         | 12. DAT | E OF FIRST SU | BMISSION   | 14. DISTRIBL         | ITION         |             |  |
| LT                | В                             |              | MTHLY                   |         | *             |            |                      | b.            | COPIE       | s  |
| 8. APP CODE       |                               | 11. AS OF I  | DATE                    |         | E OF SUBSEQU  | ENT        | a. ADDRESSEE         |               | Fi          | nal  |
| N/A               |                               | }            | *                       | SUE     | MISSION *     |            |                      | Draft         | Rea         | Repro  |
| 16. REMARKS       |                               | ·            | ·····                   |         |               |            | AFRL/MLBCO           | 0             | 1           |  |
| Tailored to       | allow contra                  | actor's      | format, a               | nd      |               |            | AFRE/MEBCO           | <u>V</u>      | <del></del> | 0  |
| Block 10, p       | ara 10.3 is o                 | clarifi      | ed so that              |         |               |            |                      | <del></del>   | -           | <del> </del>                                     |
| distributio       | n to DTIC sha                 | all onl      | y be throu              | gh      |               |            |                      | _             |             | <del>                                     </del> |
| Air Force d       | istribution o                 | channel      | .s.                     |         |               |            |                      |               |             | <b>├</b>   |
| * Submit wi       | ተከ አበበን                       |              |                         |         |               |            |                      |               |             | <b>↓ </b>  |
| DUDALLE WI        | CII AUUS.                     |              |                         |         |               |            |                      |               | <u> </u>    | $ldsymbol{ldsymbol{ldsymbol{\sqcup}}}$           |
|                   |                               |              |                         |         |               |            |                      |               | <u> </u>    |  |
|                   |                               |              |                         |         |               |            |                      |               | <u> </u>    |  |
|                   |                               |              |                         |         |               |            |                      |               |             |  |
|                   |                               |              |                         |         |               |            |                      |               |             |  |
|                   |                               |              |                         |         |               |            |                      |               |             |  |
|                   |                               |              |                         |         |               |            |                      | <b>-</b>      |             | <u>†                                      </u>   |
|                   |                               |              |                         |         |               |            |                      |               | -           | <del> </del>                                     |
|                   |                               |              |                         |         |               |            |                      |               | <u> </u>    | ļ  |
|                   |                               |              |                         |         |               |            |                      |               |             | ļl   |
|                   |                               |              |                         |         |               |            |                      |               |             |  |
|                   |                               |              |                         |         |               |            |                      |               |             |  |
|                   |                               |              |                         |         |               |            |                      |               |             |  |
|                   |                               |              |                         |         |               |            |                      |               |             |  |
|                   |                               |              |                         |         |               |            |                      |               |             |  |
|                   |                               |              |                         |         |               |            |                      | <del></del>   |             |  |
|                   |                               |              |                         |         |               |            |                      |               | <u> </u>    |  |
|                   |                               |              |                         |         |               |            |                      |               |             |  |
|                   |                               |              |                         |         |               |            |                      | <del> </del>  | -           | -  |
|                   |                               |              |                         |         |               |            |                      | <del>-}</del> |             | <b></b>  |
|                   |                               |              |                         |         |               |            |                      |               |             |  |
|                   |                               |              |                         |         |               |            |                      |               |             |  |
|                   |                               |              |                         |         |               |            |                      |               |             |  |
|                   |                               |              |                         |         |               |            |                      |               |             |  |
|                   |                               |              |                         |         |               |            |                      |               |             |  |
|                   |                               |              |                         |         |               |            |                      |               |             |  |
|                   |                               |              |                         |         |               |            |                      |               |             |  |
|                   |                               |              |                         |         |               |            |                      |               |             |  |
|                   |                               |              |                         |         |               |            |                      |               |             | 1  |
|                   |                               |              |                         |         |               |            |                      | +             | ļ           | <del>   </del>                                   |
|                   |                               |              |                         |         |               |            |                      | <del> </del>  |             | <del>                                     </del> |
|                   |                               |              |                         |         |               |            |                      |               |             | <b>  </b>  |
|                   |                               |              |                         |         |               |            |                      |               |             | <b>├</b>   |
|                   |                               |              |                         |         |               |            |                      |               |             |  |
|                   |                               |              |                         |         |               |            |                      |               |             |  |
|                   |                               |              |                         |         |               |            |                      | 1             |             |  |
|                   |                               |              |                         |         |               |            | 15. TOTAL            | Ö             | 1           | 0  |
| G. PREPARED BY    |                               |              | H. DATE                 |         | I. APPRØVE    | D BY       |                      | J. DA         |             | <del>'</del>                                     |
| DAVID B. C        |                               |              | 26-JUN-                 | -02     | Karen E       | Rag        | and //               | 26-0          |             | 02   |
| AFRL/MLBCO, (     | 937)255-9078                  |              |                         |         | Bata Mai      | nage       | DAUGSAFRIGNSC        | ] [ [ ]       | . OIA –     | UZ   |

#### INSTRUCTIONS FOR COMPLETING DD FORM 142

(See DoD 5010.12-M for detailed instructions.)

#### FOR GOVERNMENT PERSONNEL

- Item A. Self-explanatory.
- Item B. Self-explanatory.
- Item C. Mark (X) appropriate category: TDP - Technical Data Package; TM -Technical Manual; Other - other category of data, such as "Provisioning," "Configuration Management", etc.
- item D. Enter name of system/item being acquired that data will support.
- Item E. Self-explanatory (to be filled in after contract award).
- Item F. Self-explanatory (to be filled in after contract award).
- Item G. Signature of preparer of CDRL.
- Item H. Date CDRL was prepared.
- Signature of CDRL approval authority.
- Item J. Date CDRL was approved.
- Item 1. See DoD FAR Supplement Subpart 4.71 for proper numbering.
- ltem 2. Enter title as it appears on data acquisition document cited in Item 4.
- Item 3. Enter subtitle of data item for further definition of data item (optional
- entry).
- Item 4. Enter Data Item Description (DID) number, military specification number, or military standard number listed in DoD 5010.12-L (AMSDL), or onetime DID number, that defines data content and format requirements.
- Item 5. Enter reference to tasking in contract that generates requirement for the data item (e.g., Statement of Work paragraph number).
- Item 6. Enter techinical office responsible for ensuring adequacy of the data
- Specify requirement for inspection/acceptance of the data item by the Government.
- Item 8. Specify requirement for approval of a draft before preparation of the final data item.
- For technical data, specify requirement for contractor to mark the appropriate distribution statement on the data (ref. DoDD 5230.24).
- Item 10. Specify number of times data items are to be delivered.
- Item 11. Specify as-of-data item, when applicable.
- Item 12. Specify when first submittal is required.
- Item 13. Specify when subsequent submittals are required, when applicable.
- Item 14. Enter addressees and number of draft/final copies to be delivered to each addressee. Explain reproducible copies in Item 16.
- Item 15. Enter total number of draft/final copies to be delivered.
- Item 16. Use for additional/clarifying information for Items 1 through 15. Examples are: Tailoring of documents cited in item 4; Clarification of submittal dates in items 12 and 13; Explanation of reproducible copies in Item 14; Desired medium for delivery of the data item.

#### FOR THE CONTRACTOR

- Specify appropriate price group from one of the following groups of effort in developing estimated prices for each data item listed on the DD Form 1423.
- a. Group I. Definition Data which is not otherwise essential to the contractor's performance of the primary contracted effort (production development, testing, and administration) but which is required by DD Form

Estimated Price - Costs to be included under Group I are those applicable to preparing and assembling the data item in conformance with Government requirements, and the administration and other expenses related to reproducing and delivering such data items to the Government.

b. Group II. Definition - Data which is essential to the performance of the primary contracted effort but the contractor is required to perform additional work to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, or quality of the data item.

Estimated Price - Costs to be included under Group II are those incurred over and above the cost of the essential data item without conforming to Government requirements, and the adminstrative and other expenses related to reproducing and delivering such data item to the Government.

c. Group III. Definition - Data which the contractor must develop for his internal use in performance of the primary contracted effort and does not require any substantial change to conform to Government requirements with regard to depth of content, format, frequency of submittal, preparation, control, and quality of the data item.

Estimated Price - Costs to be included under Group III are the administrative and other expenses related to reproducing and delivering such data item to the Government,

d. Group IV. Definition - Data which is developed by the contractor as part of his normal operating procedures and his effort in supplying these data to the Government is minimal.

Estimated Price - Group IV items should normally be shown on the DD Form 1423 at no cost.

For each data item, enter an amount equal to that portion of the total price which is estimated to be attributable to the production or development for the Government of that item of data. These estimated data prices shall be developed only from those costs which will be incurred as a direct result of the requirement to supply the data, over and above those costs which would otherwise be incurred in performance of the contract if no data were required. The estimated data prices shall not include any amount for rights of data. The Government's right to use the data shall be governed by the pertinent provisions of the contract.